

REMARKS:

Claims 1-8 are pending in the present application. Claims 1-4 and 6-8 are rejected. Claim 5 has been objected to as being dependent upon a rejected base claim, but would be allowable if rewritten in independent form including all of the limitations of the base claim and any intervening claims. Claim 5 has been cancelled. Claims 1, 2, 6, and 8 have been amended and limitations of claim 5 have been incorporated within claims 1, 2, 6, and 8.

Applicants note that claim 2 is rejected under 35 USC 103(a) as being unpatentable over US Patent No. 5,801,764 to Koizumi et al (“Koizumi”) in view of US Patent No. 6,674,884 to Bacus et al. However, claim 3, which is dependent upon claim 2, is rejected under 35 USC 103(a) as being unpatentable over US Patent No. 6,721,461 to Nichani et al. (“Nichani”). Applicants suggest that a rejection of claim 3 should address the cited art used to reject claim 2. Furthermore, claim 4, which is also dependent upon claim 2, is rejected under 35 USC 103(a) as being unpatentable over Nichani in view of Bacus. Applicants suggest that a rejection of claim 4 should address the cited art used to reject claim 2.

Claims 1, 3, 6, and 8 are rejected under 35 U.S.C. § 103(a) as obvious in view of Nichani. Applicants amend independent claims 1, 6 and 8, and respectfully assert that they have overcome the rejection of the examiner.

Claim 1 is directed to an apparatus for debugging an image device. Claim 1 comprises “a code view display for quantitatively displaying numerical or symbolic data of individual pixels in a second range that is smaller than said first range and designated within an area displayed by said image view display, *wherein said code view display comprises a code view and a marker display for indicating data shown at a central position in said code view display.*” (Emphasis added.)

Nichani is directed to dynamic threshold techniques for use in processes that use image subtraction. The subtracted image is separated into a positive difference image

using a positive image map and a negative difference image using a negative image map.
(Abstract).

The Examiner states that Nichani, however, does not teach a marker display for indicating data shown in a central position, as is now claimed in amended Claim 1. Applicants agree with Examiner.

Therefore, for at least the above reasons, Applicants submit that Nichani does not expressly or inherently describe all of the elements set forth in claim 1, and thus, Nichani does not anticipate claim 1 or render claim 1 obvious. Accordingly, Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 1.

Claim 6 is directed to method for debugging a testing device. The examiner's rejection of claim 6 is overcome for at least some of the same reasons that the Examiner's rejection of claim 1 is overcome. There reasons include Nichani neither disclosing, teaching or suggesting "quantitatively displaying characteristics of pixels in the imaging device within said second range with numerical or symbolic codes *corresponding to a code view and a marker display for indicating data shown at a central position in said code display.*" (Emphasis added).

Therefore, for at least the above reasons, Applicants submit that Nichani does not expressly or inherently describe all of the elements set forth in claim 6, and thus, Nichani does not anticipate claim 6 or render claim 6 obvious. Accordingly, Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 6.

Claim 7 is rejected under 35 U.S.C. §103(a) as being unpatentable over Nichani in view of Koizumi. Koizumi does not make up for the deficiencies of Nichani as Nichani relates to claim 6. Therefore, claim 6, and by virtue of its dependency, claim 7, is patentable over the cited combination of Nichani and Koizumi. Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 7.

Claim 8 is directed to a computer-readable recording medium storing a program for enabling a computer function as an image view display and a code view display. The

examiner's rejection of claim 8 is traversed for at least some of the same reasons that the Examiners rejection of claim 1 is traversed. These reasons include Nichani neither disclosing, teaching or suggesting "a code view display for quantitatively displaying numerical or symbolic data of individual pixels in a second range that is smaller than said first range and designated within an area displayed by said image view display, *wherein said code view display comprises a code view and a marker display for indicating data shown at a central position in said code view display.*" (Emphasis added.)

Therefore, for at least the above reasons, Applicants submit that Nichani does not expressly or inherently describe all of the elements set forth in claim 8, and thus, Nichani does not anticipate claim 8 or render claim 8 obvious. Accordingly, Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 8.

Claim 2 is rejected under 35 U.S.C. § 103(a) as obvious in view Koizumi in view of US Patent No. 6,674,884 to Bacus et al ("Bacus"). Claim 2 is amended. Applicants hereby respectfully overcome the rejection of the Examiner.

Claim 2 is directed to a semiconductor testing apparatus for testing an imaging device. Claim 2 as amended recites "whereby data with respect to pixel characteristics of the imaging device can be displayed by said image display or said code view display or both, *wherein said code view display comprises a code view and a marker display for indicating data shown at a central position in said code view display.*" (Emphasis added).

Koizumi is directed to monitoring an object. The monitoring includes using an imaging device for aligning the object, a sensor for sensing the position of the object, and a display panel for displaying an image the alignment state and position information of the object. (Abstract).

The Examiner indicates that claim 5, which dependent upon claim 2, would be allowable if rewritten into independent form. Applicants have incorporated claim 5 into claim 2. Therefore, for at least the above reasons, Applicants submit that Koizumi, Bacus Nichani, neither separately nor in combination, expressly or inherently describe all of the elements set forth in claim 2, and thus Koizumi, Bacus and Nichani do not anticipate

claim 2 or render claim 2 obvious. Accordingly, Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 2.

Claim 3 is rejected under 35 U.S.C. §103(a) as being unpatentable over Nichani. Nichani does not make up for the deficiencies of Nichani as Nichani relates to claim 2. Therefore, claim 2, and by virtue of its dependency, claim 3, is patentable over Nichani. Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 7.

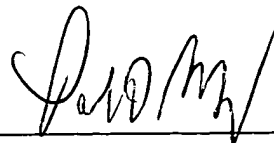
Claim 4 is rejected under 35 U.S.C. §103(a) as being unpatentable over Nichani in view of Baccus. Neither Nichani nor Baccus make up for the deficiencies of Koizumi, Nichani or Baccus relates to claim 2. Therefore, claim 2, and by virtue of its dependency, claim 4 is patentable over the cited combination of Nichani and Baccus. Applicants respectfully request reconsideration and withdrawal of the section 103(a) rejection of claim 4.

In view of the foregoing, Applicants respectfully submit that all claims presented in this application patentably distinguish over the prior art. Accordingly, Applicants respectfully request favorable consideration and that this application be passed to allowance.

Respectfully submitted,

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Date



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